



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200  
DALLAS, TX 75202-2733

42/RC/6T

8/11/98

MEMORANDUM

SUBJECT: RCRA Compliance Inspection Report  
FROM: Michael T. Michaud, Chief  
Surveillance Section (6EN-AS)  
TO: Eddie Sierra, Chief  
Texas Section (6EN-HT)

The attached RCRA inspection report has been prepared and reviewed by Compliance Assurance and Enforcement Division personnel. This report is being forwarded to you for your information and action.

EPA ID Number: TX1200939626 Inspection Dates: June 9-10, 1998  
Facility Name: Bureau of Engraving and Printing  
Facility Mailing Address: 9000 Blue Mound Road  
Fort Worth, TX 76131

Facility Owner: Department of the Treasury Tel: \_\_\_\_\_  
Facility Description: currency production  
Type of Ownership: ☒ Federal ☐ State ☐ County ☐ Municipal ☐ Private  
Did facility request a copy of the report? ☒ YES ☐ NO  
HW Activities: ☒ Generator ☐ Treatment ☒ Storage ☐ ≤ 90d  
☐ Storage ☐ Disposal ☐ Transporter  
Inspection Type: ☒ Lead ☐ Overview ☐ STARS Commitment ☒ CEI ☐ CDI  
☐ PCE ☐ Land Ban ☐ BIF ☐ Sampling ☒ Multi-Media  
☐ Maquiladora

Inspection Participants: (name and phone number)  
EPA Inspector(s): Kelli A. Smith (5-8047), Walt Helmick (5-8373)  
State Inspector(s): N/A

Facility Representative(s): Colleen McKinney (817) 847-3820

Checklists Completed: (Indicate number of each checklist attached)

<input checked="" type="checkbox"/> Generator	<input type="checkbox"/> Waste Piles	<input type="checkbox"/> Thermal Treatment
<input checked="" type="checkbox"/> TSD (265)	<input type="checkbox"/> Closure	<input type="checkbox"/> Chemical, Physical and
<input checked="" type="checkbox"/> Tanks	<input type="checkbox"/> Post Closure	<input type="checkbox"/> Biological Treatment
<input checked="" type="checkbox"/> Containers	<input type="checkbox"/> Incinerator	<input type="checkbox"/> Surface Impoundments
<input type="checkbox"/> Landfill	<input type="checkbox"/> Land Treatment	<input checked="" type="checkbox"/> Generator Supplement
<input type="checkbox"/> Transporter	<input type="checkbox"/> LOIS	<input type="checkbox"/> Photographs
<input type="checkbox"/> Land Ban	<input type="checkbox"/> Groundwater	<input checked="" type="checkbox"/> Attachments See narrative.
<input type="checkbox"/> BIF	<input type="checkbox"/> Other	

Apparent violations noted during outbriefing: See narrative.

Reviewed by: [Signature]

Date: 8/10/98

**Bureau of Engraving and Printing  
Fort Worth, Texas  
TX1200939626  
RCRA Compliance Evaluation Inspection Report**

**Introduction**

A RCRA Compliance Evaluation Inspection was performed as part of a Multimedia Inspection (MMI) at the Bureau of Engraving and Printing (BEP), Western Currency Facility, in Fort Worth, Texas, the week of June 8-12, 1998. The BEP is located at 9000 Blue Mound Road, Fort Worth, TX 76131. After clearing security, entry was made at 10:45 am on Tuesday, June 8, 1998. The EPA inspector for the RCRA portion of the MMI was Kelli A. Smith. The facility representatives included: Robert Hobbs, Facility Manager; Colleen McKinney, Chemical Engineer; and Dennis Stark, Chief Engineer. Following the entrance briefing, all of the inspectors (Air, NPDES, and RCRA) were taken on a site tour of the facility. On the first day of the inspection, RCRA Enforcement Officer Walt Helmick also participated in the inspection.

The BEP is a federal facility under the Department of the Treasury. The Bureau's Western Currency Facility opened on April 26, 1991. The BEP produces currency for the Federal Reserve. The current capacity of the plant allows them to produce 4.5 billion notes per year. In 1996, they produced 4.1 billion notes.

**Site Tour**

A general site tour occurred on Tuesday with all of the inspectors; a more detailed site tour occurred on Wednesday with Colleen McKinney, Rick Hill, Safety Specialist; and the RCRA inspector. The inspectors and facility representatives toured the production facility. The facility uses 12 "Intaglio" printers, 6 for the fronts of the bills, and 6 for the backs. The wash water from the presses is fed into a sump and is pumped to the wastewater plant. The inks (both green and the magnetic and non-magnetic black) are kept along the back wall of the production area. Also stored in the production area are small cans (1-2 gallon) of what the facility refers to as "Varsol". Varsol is the name used for the parts cleaners that they use to clean parts of the printers. The waste Varsol is considered a hazardous waste. Attachment C includes the MSDSs for the parts cleaner they are currently using.

The inspectors then went to the Plate Making area. The printing plates are made through a nickel electroforming process. The filters off of the nickel tanks are rinsed, wrapped in plastic, and set out to be taken to the Hazardous Waste Storage area.

The inspectors also visited the Ink Mill. There were several drums scattered around collecting debris of one sort or another. Only one drum was labeled as "hazardous waste". That drum contained D001, Mixed Solvents (petroleum distillates, mineral spirits). This drum was situated next to one of the ink machines, sitting on a drum dolly, with absorbent pigs around the bottom of the drum. Also in this area were two drums, not labeled, with half lids (lids cut in half) used to hold ink debris (dried ink, etc.). Neither drum had any labeling. There was also a drum full of rags. These were used rags with ink, Varsol, etc. on them. This drum did not have a lid or a label. According to BEP staff, the contents of this drum are not being manifested as a hazardous waste although they are contaminated with Varsol. A drum of waste Varsol was also in this area.

*did they have  
accumulation  
date*



It was half full, had an unsecured lid, and no label. A parts cleaner is also located in this area. The waste Varsol accumulates in a drum underneath. None of these areas where the drums were located were designated as Satellite Accumulation Points (SAP). *- do they have to do this*

Around the corner from the ink mill was the Liquid Storage area. In this area is a SAP for the Contractors to keep their mixed solvent and waste flammable oils wastes. Both of these drums were labeled and had secured lids; however, this is not at or near the point of generation of the waste. The contractors generate the waste on the production floor, and then bring it back to this area to collect.

The less than 90 day storage area was visited next. There were two different sections of drums. One of the sections contained 24 drums in a 4x6 arrangement. There was no aisle space to get to the drums in the middle to check for leaks. One drum of waste hydraulic oil had collapsed, and no effort had been made to repackage the drum. The 24 drums consisted of: 8 drums of organic debris; 6 drums of mixed solvents; 2 drums of broken bulbs containing mercury vapor; 7 drums of hydraulic oils; and 1 drum of crushed fluorescent bulbs. The second section of drums were arranged against the wall in a 4x2x2 pattern. There was no way to view the drums against the wall to check for leaks. In this section of 16 drums, 4 were organic debris; and 12 were treatment plant/electroplating waste.

The Roller Making area was also visited. This room is off to the side of the production floor. There is a SAP in the area for D001, Mixed Solvents. They use "Varsol" to clean the rollers. The drum has secondary containment, with a stationery funnel on the top. It was recommended to the staff in this area, to replace the funnel with a bung when the drum is not in use to keep outside people from mixing wastes.

The Cope-Pak area was visited as well. This is a caged area next to the production area. A SAP for D001 Mixed Solvents was in this area. It had secondary containment with an "Ultra Funnel" on the top. This funnel top was not very secure, and this area is unattended to most of the time. Also in this area were two non-hazardous Ink Debris drums that were in the process of being filled. *is it a drum*

The last area visited was the waste treatment plant. The electroplating sludge is treated and kept separately from the other wastes. There is a SAP within the containment area for the electroplating sludge. It was labeled with chemical names nickel hydroxide and chromium hydroxide, and waste codes D004, D005, D006, D007, D008, D009, D010, D011, and F006. Also in this area was a drum full of "debris" with an electroplating sludge hazardous waste sticker. The BEP representative was unsure of how long it had been there. Neither drum was secure. The full drums in this area go an intermediate staging area for a day or two (according to BEP) until a forklift comes by to pick it up. This area is not designated as a less than 90 day storage area. *was a drum label* *it was a drum being full?* *if separate why did you say 90 day storage?* *were drums labeled this as SAP*

## Records Review

A records review was conducted on both days of the MMI. Manifests for the last three years were reviewed. The inspectors had some confusion over the waste codes on the manifests matching up to the waste codes on the NOR and BEP's list of wastes and codes. Attached to this report are some of the manifests and BEP's waste codes (Attachments D and E). *- do they have to label area as SAP*



The inspector also reviewed current lab results for the inks used in the plant and the waste treatment solids. TCLP and TPH were run on each. TCLP for all of them came back under detection levels; TPHs ranged from 54,300 mg/kg for the treatment plant solids, to 144,000 mg/kg for the non-magnetic ink. All of the inks were above 100,000 mg/kg for TPH. There was also some concern that the flash point for the green ink was 120 deg. F. However, a current and correct MSDS from the manufacturer corrected that concern.

The BEP has no written inspection schedule and no weekly inspection logs for their storage area.

The only training records available were for a few people in the ink mill, the EM shop, and a couple plant engineers. The only records for those people were certificates from an 8 hr. refresher course from June 1997. There is no record of any job specific training.

The BEP has five tanks that are used for emergency spill purposes only. They were empty during the inspection and were not looked at during the site tour. The Tanks checklist was filled out by BEP personnel and sent to the inspector.

The BEP does not have a waste analysis plan in place.

The BEP has a contingency plan; however the majority of the plan is from 1994 and has not been updated to reflect changes in personnel.

#### **Areas of Concern**

- The SAP for the Contractor's waste is not at or near the point of generation. It is located in a completely separate area of the facility.
- The SAPs in the Ink Mill are unlabeled. The drums are not labeled and most had unsecured lids.
- The less than 90 day storage area had a collapsed drum that had not been replaced or fixed. There was also a concern of aisle space to be able to check the rest of the drums for leaks.
- There was a drum of debris in the electroplating area at the waste treatment plant that was marked with a electroplating sludge hazardous waste sticker and no other information.
- The drums from the SAP in the electroplating area at the waste treatment plant need to be moved directly to the storage area instead of being placed in a separate area for 1-2 days.
- Several records were incomplete: there were no inspection logs; no waste analysis plan; and incomplete training records.
- Some of the waste codes in the NOR and the facility codes are not matching up the waste codes recorded on the manifests.

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US TR DEPT BUREAU OF ENGRVNG  
FT WORTH TX

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RC NT VOL 01

478A.TX1200939626 0001  
US TR DEPT BUREAU OF ENGRVNG  
FT WORTH, TX 76131



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DEPARTMENT OF THE TREASURY  
BUREAU OF ENGRAVING AND PRINTING

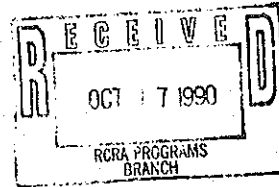
WASHINGTON, D.C. 20228 90 OCT 17 AM 11:33

HAZARDOUS WASTE MGMT. DIV

October 16, 1990

R.V.  
10/19/90  
DA.  
11-14-90

USEPA Region VI  
Hazardous Waste Division  
Mail Stop 6H  
1445 Ross Avenue  
Dallas, Texas 75202



Dear Mr. Sirs:

The Bureau of Engraving & Printing currency manufacturing facility in Fort Worth will maintain a comprehensive environmental program, in compliance with all Federal, State, and local statutes and regulations. The primary contact for all information relating to environmental matter is:

Mr. Alan B. Crouch  
Bureau of Engraving & Printing  
9000 Blue Mound Road  
Fort Worth, Texas 76131-3304  
817-885-7300

TX1200939626

Sincerely,

Ray E. Lavan  
Deputy Assistant Director (Operations)

Contact crouch Alan-B  
Phone 817-885-7300

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved OMB No 2050-0028 Expires 9-30-88  
GSA No 0246-EPA-01

United States Environmental Protection Agency  
Washington, DC 20460

# EPA Notification of Hazardous Waste Activity

Please refer to the Instructions for Filing Notification before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).

## For Official Use Only

Comments

C  
C

Installation's EPA ID Number

T/A C

Approved

DATE RECEIVED

JUL 17 1989

38907

## I. Name of Installation

BUREAU OF ENGRAVING AND PRINTING

## II. Installation Mailing Address

Street or P.O. Box

314 TH & C STS SW ROOM 124M

City or Town

State

ZIP Code

WASHINGTON DC 20228

## III. Location of Installation

Street or Route Number

5900 BLUE MOUND ROAD

City or Town

State

ZIP Code

FORT WORTH TX 76131

## IV. Installation Contact

Name and Title (last, first, and job title)

Phone Number (area code and number)

COVERT HAROLD ENGR 202 447 0783

## V. Ownership

A. Name of Installation's Legal Owner

B. Type of Ownership (enter code)

US TREASURY DEPT FF

## VI. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to instructions.)

A. Hazardous Waste Activity

B. Used Oil Fuel Activities

- ☒ 1a. Generator ☐ 1b. Less than 1,000 kg/mo.  
☐ 2. Transporter  
☐ 3. Treater/Storer/Disposer  
☐ 4. Underground Injection  
☐ 5. Market or Burn Hazardous Waste Fuel (enter 'X' and mark appropriate boxes below)  
☐ a. Generator Marketing to Burner  
☐ b. Other Marketer  
☐ c. Burner

- ☐ 6. Off-Specification Used Oil Fuel (enter 'X' and mark appropriate boxes below)  
☐ a. Generator Marketing to Burner  
☐ b. Other Marketer  
☐ c. Burner  
☐ 7. Specification Used Oil Fuel Marketer (or On site Burner) Who First Claims the Oil Meets the Specification

## VII. Waste Fuel Burning: Type of Combustion Device (enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)

N/A

☐ A. Utility Boiler

☐ B. Industrial Boiler

☐ C. Industrial Furnace

## VIII. Mode of Transportation (transporters only — enter 'X' in the appropriate box(es))

- ☐ A. Air ☐ B. Rail ☐ C. Highway ☐ D. Water ☐ E. Other (specify) N/A

## IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

☒ A. First Notification

☐ B. Subsequent Notification (complete item C)

C. Installation's EPA ID Number

TX 1200939626



D - For Official Use Only										
C									T/A	C
W										1

# X. Description of Hazardous Wastes (continued from front)

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
F 0 0 1	F 0 0 2	F 0 0 3	F 0 0 5	F 0 0 6	
7	8	9	10	11	12

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
K 0 8 6					
19	20	21	22	23	24
25	26	27	28	29	30

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
P 0 5 8	U 0 0 2	U 0 1 9	U 2 1 1	U 0 4 4	U 1 1 2
37	38	39	40	41	42
U 0 4 5	U 0 8 0	U 2 2 0			
43	44	45	46	47	48

D. Listed Infectious Wastes. Enter the four-digit number from 40 CFR Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24)

- ☒ 1. Ignitable (D001)
 ☒ 2. Corrosive (D002)
 ☐ 3. Reactive (D003)
 ☒ 4. Toxic (D000)

## XI. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature <i>Alan B. Crouch</i>	Name and Official Title (type or print) Alan B. Crouch - General Manager	Date Signed 4/12/89
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ACKNOWLEDGEMENT OF NOTIFICATION  
OF HAZARDOUS WASTE ACTIVITY  
(VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

TX1200939626

INSTALLATION ADDRESS

US TR DEPT BUREAU OF ENGRAVING & P\*  
COVERT HAROLD ENGR  
14TH & C STS SW ROOM 124N DC 20220  
WASHINGTON  
9000 BLUE MOUND RD TX 76131  
FT WORTH





ID — For Official Use Only

C  
W**X. Description of Hazardous Wastes (continued from front)****A. Hazardous Wastes from Nonspecific Sources.** Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1 F 0 0 1	2 F 0 0 2	3 F 0 0 3	4 F 0 0 5	5 F 0 0 6	6
7	8	9	10	11	12

**B. Hazardous Wastes from Specific Sources.** Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13 K 0 8 6	14	15	16	17	18
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31 P 0 5 8	32 U 0 0 2	33 U 0 1 9	34 U 2 1 1	35 U 0 4 4	36 U 1 1 2
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(D002)☐ 3. Reactive  
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(D000)**XI. Certification**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature

Alan B. Crouch

Name and Official Title (type or print)

Alan B. Crouch - General Manager

Date Signed

4/12/89





DEPARTMENT OF THE TREASURY  
BUREAU OF ENGRAVING AND PRINTING  
WASHINGTON, D.C. 20228 REGION VI

69 APR 26 PM 4:07  
HAZARDOUS WASTE MGMT. DIV.

USEPA Region VI  
Air and Hazardous Material Division  
1201 Elm Street  
Inter-First Two Building  
Dallas, Texas 75270

March 30, 1989

Dear Sirs:

Enclosed is a first notification of hazardous waste activity. Please issue the appropriate EPA ID number and forward all correspondence to:

H. Covert, Staff Engineer  
Room 124M  
Bureau of Engraving and Printing  
14 & C Streets, S.W.  
Washington, D.C. 20228

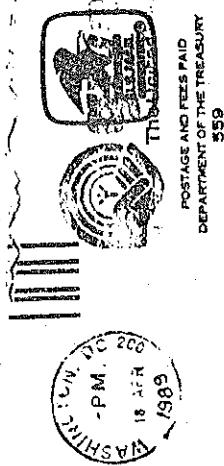
Thank you for your cooperation.

Sincerely,

*Harold Covert*  
Harold Covert  
Staff Engineer

*Carvert Rm 124M*  
DEPARTMENT OF THE TREASURY  
BUREAU OF ENGRAVING AND PRINTING  
WASHINGTON, D.C. 20228

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300



USEPA Region VI  
Air and Hazardous Material Division  
1201 Elm Street  
Inter-First Two Building  
Dallas, Texas 75270







UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

1445 ROSS AVENUE, SUITE 1200

DALLAS, TX 75202-2733

8/11/98

MEMORANDUM

SUBJECT: RCRA Compliance Inspection Report

FROM: Michael T. Michaud, Chief  
Surveillance Section (6EN-AS)

TO: Eddie Sierra, Chief  
Texas Section (6EN-HT)

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Facility Owner: Department of the Treasury Tel:

Facility Description: currency production

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Did facility request a copy of the report? ☒ YES ☐ NO

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☐ Maquiladora

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State Inspector(s): N/A

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Apparent violations noted during outbriefing: See narrative.

Reviewed by:

*[Signature]*

Date:

8/10/98

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TX1200939626  
RCRA Compliance Evaluation Inspection Report**

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A general site tour occurred on Tuesday with all of the inspectors; a more detailed site tour occurred on Wednesday with Colleen McKinney, Rick Hill, Safety Specialist; and the RCRA inspector. The inspectors and facility representatives toured the production facility. The facility uses 12 "Intaglio" printers, 6 for the fronts of the bills, and 6 for the backs. The wash water from the presses is fed into a sump and is pumped to the wastewater plant. The inks (both green and the magnetic and non-magnetic black) are kept along the back wall of the production area. Also stored in the production area are small cans (1-2 gallon) of what the facility refers to as "Varsol". Varsol is the name used for the parts cleaners that they use to clean parts of the printers. The waste Varsol is considered a hazardous waste. Attachment C includes the MSDSs for the parts cleaner they are currently using.

The inspectors then went to the Plate Making area. The printing plates are made through a nickel electroforming process. The filters off of the nickel tanks are rinsed, wrapped in plastic, and set out to be taken to the Hazardous Waste Storage area.

The inspectors also visited the Ink Mill. There were several drums scattered around collecting debris of one sort or another. Only one drum was labeled as "hazardous waste". That drum contained D001, Mixed Solvents (petroleum distillates, mineral spirits). This drum was situated next to one of the ink machines, sitting on a drum dolly, with absorbent pigs around the bottom of the drum. Also in this area were two drums, not labeled, with half lids (lids cut in half) used to hold ink debris (dried ink, etc.). Neither drum had any labeling. There was also a drum full of rags. These were used rags with ink, Varsol, etc. on them. This drum did not have a lid or a label. According to BEP staff, the contents of this drum are not being manifested as a hazardous waste although they are contaminated with Varsol. A drum of waste Varsol was also in this area.

It was half full, had an unsecured lid, and no label. A parts cleaner is also located in this area. The waste Varsol accumulates in a drum underneath. None of these areas where the drums were located were designated as Satellite Accumulation Points (SAP).

Around the corner from the ink mill was the Liquid Storage area. In this area is a SAP for the Contractors to keep their mixed solvent and waste flammable oils wastes. Both of these drums were labeled and had secured lids; however, this is not at or near the point of generation of the waste. The contractors generate the waste on the production floor, and then bring it back to this area to collect.

The less than 90 day storage area was visited next. There were two different sections of drums. One of the sections contained 24 drums in a 4x6 arrangement. There was no aisle space to get to the drums in the middle to check for leaks. One drum of waste hydraulic oil had collapsed, and no effort had been made to repackage the drum. The 24 drums consisted of: 8 drums of organic debris; 6 drums of mixed solvents; 2 drums of broken bulbs containing mercury vapor; 7 drums of hydraulic oils; and 1 drum of crushed fluorescent bulbs. The second section of drums were arranged against the wall in a 4x2x2 pattern. There was no way to view the drums against the wall to check for leaks. In this section of 16 drums, 4 were organic debris; and 12 were treatment plant/electroplating waste.

The Roller Making area was also visited. This room is off to the side of the production floor. There is a SAP in the area for D001, Mixed Solvents. They use "Varsol" to clean the rollers. The drum has secondary containment, with a stationery funnel on the top. It was recommended to the staff in this area, to replace the funnel with a bung when the drum is not in use to keep outside people from mixing wastes.

The Cope-Pak area was visited as well. This is a caged area next to the production area. A SAP for D001 Mixed Solvents was in this area. It had secondary containment with an "Ultra Funnel" on the top. This funnel top was not very secure, and this area is unattended to most of the time. Also in this area were two non-hazardous Ink Debris drums that were in the process of being filled.

The last area visited was the waste treatment plant. The electroplating sludge is treated and kept separately from the other wastes. There is a SAP within the containment area for the electroplating sludge. It was labeled with chemical names nickel hydroxide and chromium hydroxide, and waste codes D004, D005, D006, D007, D008, D009, D010, D011, and F006. Also in this area was a drum full of "debris" with an electroplating sludge hazardous waste sticker. The BEP representative was unsure of how long it had been there. Neither drum was secure. The full drums in this area go an intermediate staging area for a day or two (according to BEP) until a forklift comes by to pick it up. This area is not designated as a less than 90 day storage area.

### **Records Review**

A records review was conducted on both days of the MMI. Manifests for the last three years were reviewed. The inspectors had some confusion over the waste codes on the manifests matching up to the waste codes on the NOR and BEP's list of wastes and codes. Attached to this report are some of the manifests and BEP's waste codes (Attachments D and E).



The inspector also reviewed current lab results for the inks used in the plant and the waste treatment solids. TCLP and TPH were run on each. TCLP for all of them came back under detection levels; TPHs ranged from 54,300 mg/kg for the treatment plant solids, to 144,000 mg/kg for the non-magnetic ink. All of the inks were above 100,000 mg/kg for TPH. There was also some concern that the flash point for the green ink was 120 deg. F. However, a current and correct MSDS from the manufacturer corrected that concern.

The BEP has no written inspection schedule and no weekly inspection logs for their storage area.

The only training records available were for a few people in the ink mill, the EM shop, and a couple plant engineers. The only records for those people were certificates from an 8 hr. refresher course from June 1997. There is no record of any job specific training.

The BEP has five tanks that are used for emergency spill purposes only. They were empty during the inspection and were not looked at during the site tour. The Tanks checklist was filled out by BEP personnel and sent to the inspector.

Th BEP does not have a waste analysis plan in place.

The BEP has a contingency plan; however the majority of the plan is from 1994 and has not been updated to reflect changes in personnel.

#### **Areas of Concern**

-The SAP for the Contractor's waste is not at or near the point of generation. It is located in a completely separate area of the facility.

-The SAPs in the Ink Mill are unlabeled. The drums are not labeled and most had unsecured lids.

-The less than 90 day storage area had a collapsed drum that had not been replaced or fixed. There was also a concern of aisle space to be able to check the rest of the drums for leaks.

-There was a drum of debris in the electroplating area at the waste treatment plant that was marked with a electroplating sludge hazardous waste sticker and no other information.

-The drums from the SAP in the electroplating area at the waste treatment plant need to be moved directly to the storage area instead of being placed in a separate area for 1-2 days.

-Several records were incomplete: there were no inspection logs; no waste analysis plan; and incomplete training records.

-Some of the waste codes in the NOR and the facility codes are not matching up the waste codes recorded on the manifests.

FACILITY NAME: BEP  
EPA ID NUMBER: TX1200939626

**RCRA COMPLIANCE INSPECTION REPORT**  
**GENERATORS CHECKLIST**

NOTE: On multiple part questions, circle those not in compliance.

**EPA Identification NO. (262.12)**

1. Does the Generator have an EPA I.D. No.? X Yes \_\_\_ No  
A. If yes, what is that number?  
TX1200939626

**Hazardous Waste Determination (262.11)**

1. Does the generator generate hazardous waste(s) listed in Subpart D? (261.30 - 261.33 - List of Hazardous Waste) X Yes \_\_\_ No  
a. If yes, list wastes and quantities on attachment (Include EPA Hazardous Waste Number, waste name and description). see annual report
2. Does the generator generate solid waste(s) that exhibit hazardous characteristics? (circle those applicable - corrosivity, ignitability, reactivity, TC toxicity) (261.20 - 261.24 - Characteristics of Hazardous Waste) X Yes \_\_\_ No  
a. If yes, list wastes and quantities on attachment (Include EPA Hazardous Waste Number, Waste Name and Description.) see annual report  
b. Does the generator determine characteristics by testing or by applying knowledge of processes? KOP  
i. If determined by testing, did the generator use test methods in Part 261, Subpart C (or Equivalent)? \_\_\_ Yes \_\_\_ No N/A  
ii. If equivalent test were methods used, attach copy of equivalent methods used.
3. Are there any other solid wastes deemed non-hazardous generated by the generator? (i.e. process waste streams, collected matter from air pollution control equipment, water treatment sludge, etc.) X Yes \_\_\_ No  
a. If yes, did the generator determine non-hazardous characteristics by testing or knowledge of process? testing  
tested all links 2/2/98

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

- i. If determined by testing, did the generator use test methods in Part 261, Subpart C (or Equivalent)? ☒ Yes ☐ No
- ii. If equivalent test methods were used, attach copy of equivalent methods used.
- b. List wastes and quantities deemed non-hazardous or processes from which non-hazardous wastes were produced. (Use narrative explanations sheet)
4. Are any wastes recycled, reused or reclaimed on-site? ☐ Yes ☒ No
- If yes, use narrative sheet to describe the type and quantity of the waste and the method used for reclamation.
5. Are any wastes shipped off-site for reclamation? ☐ Yes ☒ No
- If yes, use narrative to describe the type and quantity of the waste and its destination. Also give a description of storage prior to shipment.
6. Is the total quantity of hazardous wastes generated?
- a. Less than 100 kg/month? ☐ Yes ☒ No
- b. More than 1000 kg/month? ☒ Yes ☐ No
- c. More than 100 but less than 1000 kg/month? ☐ Yes ☒ No

inks  
waste treatment solids

Manifest

1. Does the generator ship hazardous waste off-site? ☒ Yes ☐ No
- a. If no, do not fill out Section C and D.
- b. If yes, identify primary off-site facility(s). (Use narrative explanations sheet)
2. Has the generator shipped hazardous waste off-site since November 19, 1980? ☒ Yes ☐ No
3. Is the generator exempted from regulation because of:
- Small quantity generator (261.5 - Special requirements) ☐ Yes ☒ No

Waste Mgt - OKC  
Chem Waste - Sulphur, LA  
Laidlaw, Millington, TN

OR

GENERATORS

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REVISION--MAY 1992



FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

Produces only non-hazardous solid waste at this time (261.4 - Exclusions)

\_\_\_ Yes ☒ No

4. If the generator is exempted as a small quantity generator are the following requirements met?

N/A

- a. The waste is reclaimed under a contractual agreement in which:

i. The type of waste and frequency of shipments specified in the agreement?

\_\_\_ Yes \_\_\_ No

ii. The vehicles used to transport the waste to the recycling facility and to deliver regenerated material back to the generator is owned and operated by the reclaimer of the waste?

\_\_\_ Yes \_\_\_ No

- b. The generator maintains a copy of the reclamation agreement in his files for a period of at least three years after termination or expiration of the agreement?

\_\_\_ Yes \_\_\_ No

Required Information (262.21)

5. If not exempted does the generator use manifest?

☒ Yes \_\_\_ No

- a. If yes, does manifest include the following information (262.21 - Required information)

☒ Yes \_\_\_ No

(Circle those not on manifest)

- i. Manifest Document No.  
ii. Generators Name, Mailing Address, Tele. No.  
iii. Generator EPA I.D. No.  
iv. Transporter(s) Name and EPA I.D. No.  
v. Facility Name, Address and EPA I.D. No.  
vi. DOT description of the waste  
vii. a. Quantity (weight or volume)  
b. Containers (type and number)  
viii. Emergency Information (optional) (Special handling instructions, Phone No.)

see examples

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

ix. Waste minimization certification

x. Is the following certification on each manifest form?

☒ Yes \_\_\_ No

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the EPA.

Uses of the Manifest (263.23)

6. Does the generator retain copies of manifests?

☒ Yes \_\_\_ No

(Check completed manifests at random. Indicate how many manifests were inspected, how many violations were noted and the type of violation.)

If yes, complete a through e. If questions contain more than one item, circle those not in compliance.

a. i. Did the generator sign and date all manifests inspected?

☒ Yes \_\_\_ No

ii. Who signed for the generator?

Name: RICK HILL or Colleen McKinney

Title: \_\_\_\_\_

I.D. Number: \_\_\_\_\_

b. i. Did the generator obtain handwritten signature and date of acceptance from initial transporter?

☒ Yes \_\_\_ No

ii. Who signed for the transporter?

Name: VARIOUS

Title: \_\_\_\_\_

I.D. Number: \_\_\_\_\_

c. Does the generator retain one copy of manifest signed by generator and transporter?

☒ Yes \_\_\_ No

d. Do returned copies of manifest include facility owner/operator signature and date of acceptance?

☒ Yes \_\_\_ No

e. If copy of manifest from facility was not returned within 45 days, did the generator file an exception report?  
(262.42 - Exception reporting)

\_\_\_ Yes \_\_\_ No N/A

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

- i. If yes, did it contain the following information:

Legible copy of manifest

\_\_\_Yes\_\_\_No

N/A

AND

Cover letter explaining  
generators efforts to locate  
waste.

\_\_\_Yes\_\_\_No

- f. Does (will) the generator retain copies for  
3 years?

XYes\_\_\_No

Pre-Transport Requirements

1. Does the generator package waste?

XYes\_\_\_No

If no, skip to question 9.

If yes, complete the following questions.

Inspect containers ready for immediate shipment.

If there are no such containers, skip to question 8.

2. Does the generator package waste in accordance  
with 49 CFR 173, 178, and 179? (DOT requirements)  
(262.30 - Packaging)

XYes\_\_\_No

3. Are containers to be shipped leaking, corroding  
or bulging?

\_\_\_YesXNo

Use narrative explanations sheet to describe  
containers and condition.

I was collapsed

4. Does the generator use DOT labeling requirements  
in accordance with 49 CFR 172 when containers are  
offered for shipment? (262.31 - Labeling)

XYes\_\_\_No

5. Does the generator mark each package in accordance  
with 49 CFR 172 when containers are offered for  
shipment? (262.32 - Marking)

XYes\_\_\_No

6. a. Is each container of 110 gallons or less  
marked with the following label when  
containers are offered for shipment?

XYes\_\_\_No

**HAZARDOUS WASTE - Federal Law Prohibits Improper  
Disposal. If found, contact the nearest police  
or public safety authority or the U.S.  
Environmental Protection Agency.**

Generator's Name and Address \_\_\_\_\_

Manifest Document Number \_\_\_\_\_

- b. If other labels exist, list in narrative.



FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

7. If there are any vehicles present on site loading or unloading hazardous waste, inspect for presence of placards. Note this instance on narrative explanation sheet.

8. Satellite Accumulation (effective June 20, 1985)

- a. Does the generator accumulate waste in containers at or near "Satellite" generation points?

☒ Yes ☐ No

If no, skip to question 9.  
If yes, complete the following.

contractor SAP not near  
point of generation

- b. Are containers in good condition?

☒ Yes ☐ No

- c. Is the waste compatible with the containers?

☒ Yes ☐ No

- d. Is waste transferred from leaking containers or otherwise managed to control leakage?

☒ Yes ☐ No

- e. Are containers closed?

☐ Yes ☒ No not in ink  
mill

- f. Are containers marked with the words "hazardous waste" or identification of the contents?

☐ Yes ☒ No not in ink  
mill

- g. Has waste accumulation exceeded one (1) quart of acutely hazardous waste (261.33 e.) or 55 gallons of other hazardous waste?

☐ Yes ☒ No

If yes,

- i. Has the container holding the excess amount been marked with the date the excess began accumulating?

☐ Yes ☐ No

N/A

- ii. Have excess amounts remained in the satellite accumulation area longer than three (3) days?

☐ Yes ☐ No

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9. Accumulation Time (262.34 - Accumulation Time for Small Quantity Generators)

- a. Is waste generated > 100 kg/month, but < 1000 kg/month?

☐ Yes ☒ No

If yes, answer rest of question #9.  
If no, skip to question #10.

- b. Is hazardous waste shipped offsite within 180 days?

☐ Yes ☐ No

N/A

- c. Has the quantity of waste accumulated on-site exceeded 6000 kilograms?

☐ Yes ☐ No

1

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

- d. Does the generator comply with the requirements of Part 265 Subpart C, Preparedness and Prevention? Yes No *N/A*
10. Accumulation Time (262.34 - Accumulation Time)
- a. Is the site a permitted/interim status storage facility? Yes X No
- If yes, skip to Section E, and complete and attach the TSD checklist and appropriate supplemental checklists. If no, answer rest of question #8.
- b. Is hazardous waste shipped offsite within 90 days? X Yes No
- c. Is waste stored in containers or tanks? *both* X Yes No
- d. Is the beginning date of accumulation time clearly indicated on each container? X Yes No
- e. Is each container or tank marked with the words "Hazardous Waste"? X Yes No
- f. Complete and attach the containers/tanks supplemental checklists as appropriate.
- g. If the generator accumulates waste on-site for less than 90 days, complete RCRA Generators Checklist Supplement.

Recordkeeping and Report

1. Is the generator keeping the following reports for a minimum of three (3) years? (262.40 - Recordkeeping):
- a. Manifests and signed copies from designated facilities? X Yes No
- b. Biennial reports (or reports as required by state agencies) X Yes No
- c. Exception Reports X Yes No
- d. Test results, where applicable. X Yes No
2. Where are records kept (at facility or elsewhere)? in office

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

3. Who is in charge of keeping the records?

Name: Colleen McKinney

Title: Chemical Engineer

Special Condition

1. Has the generator received from or transported to a foreign source any hazardous waste?  
(262.50 - International Shipments)

\_\_\_Yes X\_\_\_No

If yes,

a. Has a note been filed with the R.A.?

\_\_\_Yes\_\_\_No

b. Is this waste manifested and signed by Foreign Consignee?

\_\_\_Yes\_\_\_No

c. If the generator transported wastes out of the country has he received confirmation of delivered shipment?

\_\_\_Yes\_\_\_No

d. Has the generator filed an annual report (by March 1 of each year) giving the type, quantity, frequency and destination of all exported hazardous waste? (Per HSWA 1984)

\_\_\_Yes\_\_\_No

N/A

(B)

FACILITY NAME: BEP

EPA ID NUMBER: TX1200939626

{265 SUBPARTS A,B,C,D,E - GENERAL FACILITY REQUIREMENTS}

Subpart B - General Facility Standards (265.10)

1. Does the facility have an EPA Identification No.?  
If yes, what is that number? TX1200939626  
If no, explain
- ☒ Yes ☐ No

Required Notices (265.12)

2. Has the facility received hazardous waste from a foreign source?  
If yes, has the Regional Administrator been notified?
- ☐ Yes ☒ No  
☐ Yes ☐ No N/A
3. Has the facility received waste from off-site for reuse, recycling or reclamation?
- ☐ Yes ☒ No
4. Has the owner/operator obtained detailed chemical and physical analyses of representative samples of all hazardous wastes prior to treating, storing or disposing of those wastes?  
If yes,
- ☒ Yes ☐ No
- a. Have the analyses been repeated as processes or operations generating the waste change?
- ☒ Yes ☐ No
- b. (for off-site facilities) Are analyses of hazardous waste received does not match the waste identified on the accompanying manifest?
- ☐ Yes ☐ No N/A
5. (for off-site facilities) Is each shipment of hazardous waste received at the facility inspected and, if necessary, analyzed to determine if it corresponds to the waste listed on the accompanying manifest?
- ☐ Yes ☐ No N/A
6. Does the facility have a written waste analysis plan?  
If yes, is a copy maintained at the facility?
- ☐ Yes ☒ No  
☐ Yes ☒ No
7. Does the waste analysis plan include the following:
- a. Parameters for which each waste will be analyzed and the rationale for selection of these parameters?
- ☐ Yes ☒ No
- b. Test methods used to test for these parameters?
- ☐ Yes ☒ No

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

c. Sampling method used to obtain a representative sample? ☐ Yes ☒ No

d. Frequency with which the initial analysis will be reviewed or repeated? ☐ Yes ☒ No

If yes, does it include requirements to re-test when the process or operation generating the waste has changed?

☐ Yes ☐ No N/A

e. (for off-site facilities) Waste analyses that generators have agreed to supply?

☐ Yes ☐ No N/A

f. (for off-site facilities) Procedures which are used to inspect and analyze each shipment of hazardous waste received at the facility, including:

☐ Yes ☐ No N/A

i. Procedures used to determine the identity of each movement of waste?

☐ Yes ☐ No

ii. Sampling method used to obtain representative sample of the waste to be identified?

☐ Yes ☐ No

Security (265.14)

8. Does the facility provide adequate security to minimize the possibility for unauthorized entry of persons or livestock onto the active portions of the facility?

☒ Yes ☐ No

If no, describe the situation at the facility, document the facility's exemption under 265.14 a. (1) and (2).

If not exempt, is security provided through:

a. 24-hour surveillance system which continuously monitors and controls entry onto the active portion? (e.g. television monitoring or guards).

☒ Yes ☐ No

OR

b(i). Artificial or natural barrier completely surrounding the active portion? (e.g. fence or and cliff)?

☒ Yes ☐ No

Describe type of security:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

and

- b(ii). Means to control entry at all times, through the gates or other entrances to the active portion (attendant, television monitors, locked entrance, controlled roadway access)?

☒ Yes ☐ No

Describe type of security:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Include a drawing indicating any inadequates in the facility's security system.

- c. Is a sign with the legend "Danger-Unathorized Personnel Keep Out" posed at the entrance and at other locations in sufficient numbers to be seen from any approach to the active portion?

☒ Yes ☐ No

- d. Is it written in English and legible from at least 25 feet?

☒ Yes ☐ No

NOTE: The sign must be written in any other language predominant in the area surrounding the facility (e.g. In New Mexico and Texas areas bordering Mexico, the sign must also be in Spanish).

- e. If an existing sign with a legend other than "Danger-Unathorized Personnel Keep Out", what does that legend say?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

General Inspection Requirements (265.15)

9. Does the owner/operator maintain a written inspection schedule?

☐ Yes ☒ No

If yes,

- a. Does it contain, at a minimum, schedules for inspecting the following:

- i. Monitoring equipment? (If applicable)

☐ Yes ☒ No

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

- ii. Safety and emergency equipment? ☐ Yes ☒ No
- iii. Security devices? ☐ Yes ☒ No
- iv. Operating and structural equipment?  
(if applicable) ☐ Yes ☒ No
- b. Does the schedule or plan identify the following types of problems to be looked for during inspection:
- i. Malfunction or deterioration?  
(e.g. inoperative sump pump, leaking fitting, eroding dike, corroded pipes or tanks, etc.) ☐ Yes ☒ No
- ii. Operator error? ☐ Yes ☒ No
- iii. Discharges?  
(e.g. leaks from valves or pipes joint breaks) ☐ Yes ☒ No
- c. Is the schedule maintained at the facility? ☐ Yes ☒ No
- d. Are these inspections conducted? ☐ Yes ☒ No
10. Does the owner/operator have an inspection log? ☐ Yes ☒ No
- If yes, does it include:
- a. Date and time of inspection? ☐ Yes ☐ No
- b. Name of inspector? ☐ Yes ☐ No
- c. Notation of observations? ☐ Yes ☐ No
- d. Date and nature of repairs or remedial action? ☐ Yes ☐ No
- i. Are there any malfunctions or other deficiencies noted in the inspection log that remain uncorrected?  
(Use narrative explanation sheet).
- e. Are records of the inspection log maintained at the facility for three (3) years? ☐ Yes ☐ No

Personnel Training (265.16)

11. Have facility personnel successfully completed a program of classroom or on-the-job training? ☐ Yes ☒ No

only training in place is 8 hr refresher-  
no details of content of training

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

- a. Does the training program include instructions in the following:
- i. Procedures for using, inspecting, repairing and replacing facility emergency and monitoring equipment? ☐ Yes ☒ No
  - ii. Key parameters for automatic waste feed cut-off systems? (If applicable) ☐ Yes ☒ No
  - iii. Operation of communication or alarm systems? ☐ Yes ☒ No
  - iv. Response to fires, explosions and groundwater contamination incidents? ☐ Yes ☒ No
  - v. Shutdown of operations? ☐ Yes ☒ No
  - vi. General hazardous waste management procedures? ☐ Yes ☒ No
- b. Is the program directed by a person trained in hazardous waste management procedures? ☐ Yes ☒ No
- c. Have personnel completed annual training reviews? ☐ Yes ☒ No
- d. Does the owner/operator maintain the following documents:
- i. Job title, job description and name of employee for each position at the facility related to hazardous waste management? ☐ Yes ☒ No
  - ii. Written description of the type and amount of both introductory and continuing training? ☐ Yes ☒ No
  - iii. Written documentation that the training has been completed by facility personnel? ☒ Yes ☐ No

Requirements for Ignitable, Reactive or Incompatible Waste (265.17)

12. Does facility handle ignitable or reactive wastes? ☒ Yes ☐ No
- a. If yes, is waste separated and confined from sources of ignition or reaction. (open flames, smoking, cutting and welding, hot surfaces, frictional heat) sparks (static, electrical or mechanical), spontaneous ignition (e.g. from heat producing chemical reactions) and radiant heat? ☒ Yes ☐ No

*Copies of certificates*

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

- b. Are smoking and open flame confined to specifically designated locations? ☒ Yes ☐ No
- c. Are "No Smoking" signs posted in hazardous areas where ignitable or reactive wastes are handled? ☒ Yes ☐ No
- d. Is waste handled in a manner which generates extreme heat, pressure, violent reaction, toxic fumes or other dangers to human health or the environment? ☐ Yes ☒ No

**Subpart C - Preparedness and Prevention (265.30)**

**Maintenance and Operation of Facility (265.31)**

1. Is there evidence of fire, explosion or contamination of the environment? ☐ Yes ☒ No
- If yes, use narrative explanations sheet to explain.

**Required Equipment (265.32)**

2. Is the facility equipped with the following:
- a. Internal communications or alarm system? ☒ Yes ☐ No
- b. Telephone or two-way radio to call emergency response personnel? ☒ Yes ☐ No
- c. Portable fire extinguishers, fire control equipment spill control equipment and decontamination equipment? ☒ Yes ☐ No
- d. Water of adequate volume for hoses, sprinklers or water spray system? ☒ Yes ☐ No
- i. Describe source of water
- \_\_\_\_\_
- \_\_\_\_\_
- ii. Indicate flow rate and/or pressure and storage capacity, if available.
- \_\_\_\_\_
- \_\_\_\_\_

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

Testing and Maintenance (265.33)

3. Is equipment tested to assure its proper operation? ☒ Yes \_\_\_ No

Access to Communication or Alarm Systems (265.34)

4. Do personnel involved in hazardous waste management have immediate access to an internal alarm or communications device? ☒ Yes \_\_\_ No

Required Aisle Space (265.35)

5. Is there sufficient aisle space to allow unobstructed movement of personnel and emergency equipment? ☒ Yes \_\_\_ No

Arrangements with Local Authorities (265.37)

6. Has the owner/operator made arrangements with the local authorities to familiarize them with characteristics of the facility? (layout of facility, properties of hazardous waste handled and associated hazards, places where facility personnel would normally be working, entrances to roads inside facility, possible evacuation routes.)

*Ft Worth FD does annual visits to facility*

If no, has the owner/operator attempted to make such arrangements?

7. In the case that more than one police or fire department might respond, is there a designated primary authority?

If yes,

- a. Indicate primary authority:

- b. Is the fire department a city or volunteer fire department?

8. Does the owner/operator have phone numbers of and agreements with State emergency response teams, emergency response contractors and equipment suppliers?

Are they readily available to the emergency coordinator?

☒ Yes \_\_\_ No

☒ Yes \_\_\_ No



FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

9. Has the owner/operator arranged to familiarize local hospitals with the properties of hazardous waste handled and types of injuries that could result from fires, explosions, or releases at the facility? ☒ Yes ☐ No

If no, has the owner/operator attempted to do this? ☐ Yes ☐ No N/A

10. If the State, or local authorities decline to enter into the above referenced agreements has this situation been entered in the operating record? ☐ Yes ☒ No

**Subpart D - Contingency Plan and Emergency Procedures (265.50)**

**Content of Contingency Plan (265.52)**

1. Does the facility have a contingency plan? ☒ Yes ☐ No

a. If yes, does it contain:

- i. Actions to be taken in response to emergencies? ☒ Yes ☐ No

- ii. Description of arrangements with police, fire and hospital officials? ☒ Yes ☐ No

- iii. List of names, addresses, phone numbers of persons qualified to act as emergency coordinator? ☒ Yes ☐ No

- iv. List including the location and physical description of all emergency equipment? ☐ Yes ☒ No

- v. Evacuation plan for facility personnel including signals, primary and alternate routes? ☒ Yes ☐ No

2. Is the plan a revised SPCC Plan? ☐ Yes ☒ No

**Copies of Contingency Plan (265.53)**

3. Is a copy of the contingency plan maintained at the facility? ☒ Yes ☐ No

4. Has a copy been supplied to local police, fire depts., and hospitals? ☒ Yes ☐ No

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

Amendment of Contingency Plan (265.54)

5. Has the contingency plan been updated and amended as necessary? ☐ Yes ☒ No

Emergency Coordinator (265.55)

6. Is there an emergency coordinator on-site or within short driving distance of the plant at all times? ☒ Yes ☐ No

If yes, list primary emergency coordinator:

Colleen McKinney

Subpart E - Manifest System, Recordkeeping and Reporting (265.70)

Use of Manifest (265.71)

1. Has facility received hazardous waste from off-site since November 19, 1980? ☐ Yes ☒ No

If no, questions 2 and 3 are not applicable.

If yes, does the facility retain copies of all manifests for at least three (3) years?

☐ Yes ☐ No

a. Are the manifests signed and dated and returned to the generator?

☐ Yes ☐ No

b. Is a signed copy given to the transporter?

☐ Yes ☐ No

2. Has the facility received any hazardous waste from a rail or water (bulk shipment) transporter since November 19, 1980? N/A

☐ Yes ☐ No

If yes, is it accompanied by a shipping paper?

☐ Yes ☐ No

a. Does the owner/operator sign and date the shipping paper and return a copy to the generator?

☐ Yes ☐ No

b. Is a signed copy given to the transporter?

☐ Yes ☐ No

Manifest Discrepancies (265.72)

3. Has the facility received any shipments of hazardous waste since November 19, 1980, which were inconsistent with the manifest?

☐ Yes ☐ No N/A

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

If yes, has he resolved the discrepancy with the generator and transporter within 15 days?

\_\_\_ Yes \_\_\_ No

If no, has Regional Administrator been notified in writing?

\_\_\_ Yes \_\_\_ No

Operating Record (265.73)

4. Does the facility have a written operating record?

\_\_\_ Yes ☒ No

a. Is a copy maintained at the facility?

\_\_\_ Yes ☒ No

b. Does the record include:

i. Description and quantity of each hazardous waste and the methods and dates of its treatment, storage or disposal at the facility?

\_\_\_ Yes ☒ No

ii. Location and quantity of each hazardous waste at each location?

\_\_\_ Yes \_\_\_ No

iii. (for disposal facilities only) Location and quantity of each hazardous waste recorded on a map or diagram of each cell or disposal area?

\_\_\_ Yes \_\_\_ No

iv. Record and results of waste analyses?

\_\_\_ Yes \_\_\_ No

v. Reports of incidents involving implementation of the contingency plan? (If applicable)

\_\_\_ Yes \_\_\_ No

vi. Records and results of required inspections?

\_\_\_ Yes \_\_\_ No

vii. Monitoring, testing or analytical data where required?

\_\_\_ Yes \_\_\_ No

viii. Closure cost estimates and for disposal facilities, post-closure cost estimates?

\_\_\_ Yes \_\_\_ No

Availability, Retention, and Disposition of Records (265.74)

5. Have all plans and reports been visually inspected and/or been made available for inspection?

☒ Yes \_\_\_ No

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

List plans and/or reports not made available for inspection. If reports are accessible and not made available or inspection, explain.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Did operator provide inspector with a drawing of the facility?
- a. If yes, please indicate which are hazardous waste facilities on the drawing.

☒ Yes ☐ No

Biennial Reports (265.75)

7. Has the owner/operator submitted biennial reports as required?

☒ Yes ☐ No

Unmanifested Waste Report (265.76)

8. Has the facility received any waste (that does not come under the small generator exclusion) not accompanied by a manifest?

☐ Yes ☐ No N/A

If yes, has he submitted an unmanifested waste report to the Regional Administrator within 15 days?

☐ Yes ☐ No |

Indicate Types of Hazardous Waste Facilities

- ☒ Containers
- ☐ Tanks
- ☐ Surface Impoundments
- ☐ Waste Piles
- ☐ Land Treatment
- ☐ Landfill
- ☐ Incinerator
- ☐ Thermal Treatment
- ☐ Chemical, Physical and Biological Treatment
- ☐ Groundwater Monitoring Program

FACILITY NAME: BEP  
EPA ID NUMBER: TX1200939626

**CONTAINERS STORAGE CHECKLIST**  
**(SUBPART I - USE AND MANAGEMENT OF CONTAINERS 265.170)**

1. Does the facility store hazardous waste in containers? X Yes    No  
If no, do not complete this form.

**Condition of Containers (265.171)**

2. Are the containers in good condition?  
(check for leaks, corrosion, bulges, etc.) X Yes    No  
If no, explain in narrative and document with photograph. *except for 1*
3. If a container is found to be leaking, does the operator transfer the hazardous waste from the leaking container? X Yes    No

**Compatibility of Waste with Containers (265.172)**

4. Is the waste compatible with the containers and/or its liner? X Yes    No  
If no, explain in narrative.

**Management of Containers (265.173)**

5. Are the stored containers closed?    Yes X No  
If no, explain in narrative. *not in SAPs*
6. Are containers holding hazardous waste opened, handled or stored in such a manner as to cause the container to rupture or leak?    Yes X No  
If yes, explain in narrative.

**Inspections (265.174)**

7. Are each of the containers inspected at least weekly?    Yes X No  
If no, explain in the narrative the frequency of inspection.



FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

Special Requirements for Ignitable or Reactive Waste (265.176)

8. Are containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from the facility property line?

☒ Yes ☐ No

If no, explain in narrative and document with photograph.

Special Requirements for Incompatible Wastes (265.177)

9. Are incompatible wastes stored in the same containers?

☐ Yes ☒ No

If yes, explain in narrative.

10. Are hazardous waste stored in an unwashed container that previously held an incompatible waste?

☐ Yes ☒ No

11. Are containers holding incompatible wastes kept apart by physical barrier or sufficient distance?

☒ Yes ☐ No

If no, explain in narrative.

Material Safety Data Sheet- Page 1 of 2  
Bureau Of Engraving And Printing  
Identity : Black Ink BK-3795-54, 57, 58, 59 (*Reconstituted*)  
Date 7/97

Section I - Chemical Product And Company Identification

Product : Black Ink BK-3795-54, 57, 58, 59

Manufacturer : Bureau Of Engraving And Printing  
9000 Blue Mound Road  
Ft. Worth, TX. 76131

Prepared By : Office Of Human Resources-Safety and Occ. Health Division  
(202) 874-3593

Date Prepared : 4/96

Hazard Ratings : Health - 1. (slight)  
Flammability - 1 (slight)  
Reactivity - 0 (Minimal)

APPROVED FOR USE BY THE  
SAFETY & HEALTH OFFICE

MSDS #: 0916

DATE REVIEWED: 7-25-97

REVIEWED BY: STH

Section II - Composition/Ingredient Information

Component Name with Hazardous chemical, Percent, CAS #	% Component In Ink	% Hazardous Chemical In Ink	Occupational Exposure Limits
1. Prewipe Black Ink (SICPA 1-287)	75 - 85%	75 - 85%	N/A
2. Low Viscosity Alkyd	0 - 4 %	0 - 4 %	N/A
3. Odorless Mineral Spirits	0 - 2 %	0 - 2 %	100 ppm recommended as PEL/TWA

Section III - Health Hazard Data

Routes of Entry: Inhalation? Yes. Skin/eye? Yes. Ingestion? Yes.

Health Hazards: Skin contact may cause irritation or dermatitis.

Eye contact may cause tearing, burning or irritation.

Excessive inhalation of vapors or mists may cause local irritation, headache, dizziness, drowsiness, nausea, giddiness, pneumonia, central nervous system depression.

Ingestion may cause vomiting.

Carcinogenicity: NTP? N/E IARC Monographs? N/E

OSHA Regulated? N/E

Inhalation: Remove to fresh air, if breathing is difficult, get medical attention.

Signs & Symptoms of Exposure: Skin/eye irritation, headache, drowsiness, dizziness, nausea, central nervous system depression, giddiness.

Medical Conditions Generally Aggravated by Exposure: Pre-existing eye and skin disorders.

Emergency & First Aid Procedures:

Eyes: Flush with water for 15 minutes; if irritation develops, get medical attention.

Skin: Wash with soap and water; if irritation develops, get medical attention.

Material Safety Data Sheet- Page 2 of 2  
*Bureau Of Engraving And Printing*  
Identity : Black Ink BK-3795-54, 57, 58, 59  
Date 7 / 97

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Section IV - Fire and Explosion Hazard Data

Flash Point: N/E  
Lower Flammable Limit: N/E  
Upper Flammable Limit: N/E  
Extinguishing Media: Foam, CO<sub>2</sub>, dry chemical  
Special Fire Fighting Procedure: Use self-contained breathing apparatus to protect against potentially harmful and/or irritating fumes.

Unusual Fire & Explosion Hazards: Protect drums from exposure to extreme heat.  
N/E - Not Established

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Section V - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Collect into suitable container for appropriate disposal. Use nitrile gloves and apron to avoid skin contact.

Waste Disposal Method: Dispose of in accordance with applicable federal and local environmental control regulations.

Precautions to Be Taken in Handling and Storing: Use nitrile gloves and apron to avoid skin contact. Keep container covered when not in use. Avoid high temperature and direct sunlight.

Other Precautions: None.

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Section VI - Control Measures

Ventilation: Use adequate ventilation to avoid build-up of vapors/mists.

Respiratory Protection: Previous air sampling indicates that ventilation is adequate in maintaining employee exposure to ink components below permissible exposure limits. If necessary for comfort purposes, use air-purifying respirator equipped with organic-vapor cartridges.

Protective Gloves: Nitrile gloves.

Eye protection: Goggles, safety glasses, full-face shields

Other Protective Clothing or Equipment: Disposable lab coats, aprons, long sleeves, coveralls.

Work/Hygienic Practices: Avoid skin/eye contact and contamination of clothing. Wash hands thoroughly with soap and water after handling ink and before leaving work area. Launder contaminated clothing before reuse. Do not eat, drink, or smoke in work area.

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Section VII - Physical/Chemical Characteristics

Boiling Point: N/E	Specific Gravity: N/E
Vapor Pressure: N/E	Vapor Density: N/E
Solubility in water: N/E	pH: N/E
Physical State/Odor: Black paste/ hydrocarbon odor.	Evaporation Rate: N/E
% volatile by volume: N/E	Melting Point: N/E
N/E - Not Established	

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Section VIII - Reactivity Data

Stability: Stable.

Conditions to Avoid: Extreme heat, high pressure.

Incompatibility (Materials to Avoid): Strong oxidizing and reducing chemicals.

Hazardous Decomposition Byproducts: CO<sub>2</sub>, CO

Hazardous Polymerization: Will not occur

END OF MSDS

FACILITY NAME: BEP  
EPA ID NUMBER: TX1200939626

**RCRA GENERATORS CHECKLIST**  
**SUPPLEMENT**

**Personnel Training (265.16)**

1. Have facility personnel successfully completed a program of classroom or on-the-job training?

\_\_\_ Yes X No

a. Does the training program include instructions in the following:

(1) procedures for using, inspecting, repairing and replacing facility emergency and monitoring equipment?

\_\_\_ Yes \_\_\_ No

(2) key parameters for automatic waste feed cut-off systems?

\_\_\_ Yes \_\_\_ No

(3) operation of communication or alarm systems?

\_\_\_ Yes \_\_\_ No

(4) response to fires, explosions and groundwater contamination incidents?

\_\_\_ Yes \_\_\_ No

(5) shutdown of operations?

\_\_\_ Yes \_\_\_ No

(6) general hazardous waste management procedures?

\_\_\_ Yes \_\_\_ No

b. Is the program directed by a person trained in hazardous waste management procedures?

\_\_\_ Yes \_\_\_ No

c. Have personnel completed annual training reviews?

\_\_\_ Yes \_\_\_ No

d. Does the owner/operator maintain the following documents:

(1) Job title, job description and name of employee for each position at the facility related to hazardous waste management?

\_\_\_ Yes X No

(2) Written description of the type and amount of both introductory and continuing training?

\_\_\_ Yes X No

(3) Written documentation that the training has been completed by facility personnel?

\_\_\_ Yes X No

only training  
was 8hr  
refresher  
-do not know  
contents of  
training

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

Preparedness and Prevention (265.30)

1. Is there evidence of fire, explosion or contamination of the environment? (265.31 - Maintenance and operation of facility)

\_\_\_ Yes ☒ No

If yes, use narrative explanations sheet to explain.

2. Is the facility equipped with (265.32 - Required equipment)

a. Internal communications or alarm system

☒ Yes \_\_\_ No

b. Telephone or two-way radio to call emergency response personnel

☒ Yes \_\_\_ No

c. Portable fire extinguishers, fire control equipment spill control equipment and decontamination equipment

☒ Yes \_\_\_ No

1. Is this equipment tested to assure its proper operation?

☒ Yes \_\_\_ No

d. Water of adequate volume for hoses, sprinklers or water spray system

☒ Yes \_\_\_ No

1. Describe source of water

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Indicate flow rate and/or pressure and storage capacity, if available.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Is there sufficient aisle space to allow unobstructed movement of personnel and emergency equipment? (265.35-Required Aisle Space)

☒ Yes \_\_\_ No

4. Has the owner/operator made arrangements with the local authorities to familiarize them with characteristics of the facility? (layout of facility, properties of hazardous waste handled and associated hazards, places where facility personnel would normally be working, entrances to roads inside facility, possible evacuation routes.) (265.37 - Arrangements with local authorities)

☒ Yes \_\_\_ No

If no, has the owner/operator attempted to make such arrangements?

\_\_\_ Yes \_\_\_ No

Ft Worth Fire Dept. does annual tours  
of facility.

have ambulance service available



FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

5. In the case that more than one police or fire department might respond, is there a designated primary authority? (265.37 - Arrangements with local authorities)

\_\_\_Yes\_\_\_ No N/A

If yes, indicate primary authority:

- a. Is the fire department a city or volunteer fire department?

6. Does the owner/operator have phone numbers or and agreements with State emergency response teams, emergency response contractors and equipment suppliers?

XYes\_\_\_No

Are they readily available to the emergency coordinator? (265.37 - Arrangements with local authorities)

XYes\_\_\_No

7. Has the owner/operator arranged to familiarize local hospitals with the properties of hazardous waste handled and types of injuries that could result from fires, explosions, or releases at the facility?

\_\_\_Yes XNo

If no, has the owner/operator attempted to do this? (265.37 - Arrangements with local authorities)

\_\_\_Yes XNo

Contingency Plan and Emergency Procedures (265.50) (

1. Does the facility have a contingency plan? (265.52 Content of Contingency Plan)

XYes\_\_\_No

- a. If yes, does it contain:

1. actions to be taken in response to emergencies?

XYes\_\_\_No

2. description of arrangements with police, fire and hospital officials?

\_\_\_Yes XNo

3. list of names, addresses, phone numbers of persons qualified to act as emergency coordinator?

XYes\_\_\_No

4. list, including the location and physical description of all emergency equipment?

\_\_\_Yes XNo

FACILITY NAME: \_\_\_\_\_

EPA ID NUMBER: \_\_\_\_\_

5. evacuation plan for facility personnel including signals, primary and alternate routes? ☒ Yes ☐ No
2. Is a copy of the contingency plan maintained at the facility? (265.53 - Copies of contingency plan) ☒ Yes ☐ No
3. Has a copy been supplied to the local police, fire depts., and hospitals? (265.53 - Copies of contingency plan) ☒ Yes ☐ No
4. Has the contingency plan been updated and amended as necessary? ☐ Yes ☒ No
5. Is the plan a revised SPCC Plan? (265.52 - Content of contingency plan) ☐ Yes ☒ No
6. Is there an emergency coordinator on-site or within short driving distance of the plant at all times? ☒ Yes ☐ No

If yes, list primary emergency coordinator:

\_\_\_\_\_  
\_\_\_\_\_

most of contingency plan is from  
9/26/94.

The chemical emergency part of plan  
has been updated as of 5/1/98.

## **ATTACHMENTS**

- A. BEP Annual Waste Summary
- B. RCRA Checklists
- C. MSDSs for the Inks and the Solvents used at BEP
- D. Hazardous Waste Manifests
- E. BEP's List of Wastes and Codes
- F. BEP Contingency Plan

A



DEPARTMENT OF THE TREASURY  
BUREAU OF ENGRAVING AND PRINTING  
FORT WORTH, TEXAS 76131

January 22, 1998

Waste Evaluation Section/MC-129  
Texas Natural Resources Conservation Commission  
12100 Park 35 Circle  
Austin, Texas 78753

The Bureau of Engraving and Printing's Annual Waste Summary for the Western Currency Facility at 9000 Blue Mound Road, Fort Worth, Texas is enclosed.

If you have any questions concerning these reports, please direct them to Colleen McKinney at (817) 847-3820.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Leon Griffin", is written over the typed name.

D. Leon Griffin, Manager  
Technical Support Division

ANNUAL WASTE SUMMARY

YOUR SOLID WASTE  
REGISTRATION NUMBER: **38907** **G1** Report for: **1997** **07**

FOR DATA YEAR: **1997**  
☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

Your  
EPA ID # **TX 1200939621**

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

☒ ORIGINAL SUMMARY ☐ REVISED SUMMARY ☐ SUPPLEMENTAL SUMMARY

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RC-151.

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0002209H	31	35	39	43	M061	70	Z0047	TND000614321		Waste oil from equipment maintenance in the printing pr	47	P
	57	67	71	76	P	70	001				117	
	57	67	71	76	M141	70					117	
	57	67	71	76	M	70					117	
	57	67	71	76	M	70					117	

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0003203H	31	35	39	43	M061	70	Z0047	TND000614321		Spent solvent from press roll cleaning and spill collec	47	P
	57	67	71	76	P	70	001				117	
	57	67	71	76	M141	70					117	
	57	67	71	76	M	70					117	
	57	67	71	76	M	70					117	

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Colleen McKinney  
Preparer (PRINT NAME)  
D. Leon Griffin  
Authorized Agent (PRINT NAME)  
1-15-98  
Date  
1-22-98  
Date  
Signature of Preparer  
Signature of Authorized Agent

Leon Griffin

Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

# ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

Your SOLID WASTE  
REGISTRATION NUMBER:

38907

G1

Report for: 19 97

Your  
EPA ID #

T X 1 1 2 0 0 9 3 9 6 2 1

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

SUMMARY STATUS

☒ ORIGINAL SUMMARY

☐ REVISED SUMMARY

☐ SUPPLEMENTAL SUMMARY

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT.  
TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RC-151.

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	RECEIVER'S EPA ID #	WASTE DESCRIPTION	COMMENTS	QUANTITY HANDLED	UNITS	TOTAL QUANTITY GENERATED
000411QH	D002				M121	70	TND000614321	Corrosive liquid from printing rinse collection pit in		4200	P	8600
					M141	70				4400	P	
					M	70						
					M	70						

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	RECEIVER'S EPA ID #	WASTE DESCRIPTION	COMMENTS	QUANTITY HANDLED	UNITS	TOTAL QUANTITY GENERATED
0005319H	D007	D008			M111	70	TND000614321	Sludge from electroplating waste liquid treatment system		5900	P	6700
					M141	70				800	P	
					M	70						
					M	70						

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Colleen McKinney

Preparer (PRINT NAME)

D. Leon Griffin

Authorized Agent (PRINT NAME)

LPS Form TNRC-0436-A (Rev. 10-10-87)

Colleen McKinney

Signature of Preparer

D. Leon Griffin

Signature of Authorized Agent

1/15/98

Date

1-11-98

Date

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

# ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

Your SOLID WASTE  
REGISTRATION NUMBER:

38907

G 1

Report for: 19 97

Your  
EPA ID #

T X 1 1 2 0 0 9 3 9 6 2 1 1

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

SUMMARY STATUS

☒ ORIGINAL SUMMARY

☐ REVISED SUMMARY

SUPPLEMENTAL SUMMARY

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT.  
TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RC-15L

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0008003H	D002	35	39	43	M132	70	Z0047	TND00614321		Lab pack. Small containers of commercial chemicals from	6000	P
	P	68	71	78								
		68	71	78								
		68	71	78								
		68	71	78								
		68	71	78								

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0009119H	D007	35	39	43	M111	70	Z0047	TND00614321		Plating liquid waste from nickel and chrome plating of	15000	P
	P	68	71	78								
		68	71	78								
		68	71	78								
		68	71	78								
		68	71	78								

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Colleen McKinney

Preparer (PRINT NAME)

D. Leon Griffin

Authorized Agent (PRINT NAME)

1-15-98

Date

1-11-98

Date

TELEPHONE: (512) 235-6832

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

# ANNUAL WASTE SUMMARY

YOUR SOLID WASTE  
REGISTRATION NUMBER: **38907** **G1** Report for: **1997**

FOR DATA YEAR: **1997**

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

YOUR EPA ID # **T X 1 1 2 0 0 9 3 9 6 2 1**

SUMMARY STATUS	
<input checked="" type="checkbox"/> ORIGINAL SUMMARY	<input type="checkbox"/> REVISED SUMMARY
SUPPLEMENTAL SUMMARY	

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT. TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-15L.

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	UNITS	QUANTITY HANDLED	WASTE DESCRIPTION	RECEIVER'S EPA ID #	COMMENTS	TOTAL QUANTITY GENERATED	UNITS
0010301H	31	35	39	M132	P	450	Spill cleanup of oils/solvents. Oils/solvents are used	TND000614321		47	P
	57	67	71								
	57	67	71								
	57	67	71								
	57	67	71								

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	UNITS	QUANTITY HANDLED	WASTE DESCRIPTION	RECEIVER'S EPA ID #	COMMENTS	TOTAL QUANTITY GENERATED	UNITS
0011309H	31	35	39	M019	P	1350	Waste mercury devices. Lamps, switches, instruments, to	TND000614321		47	P
	57	67	71								
	57	67	71								
	57	67	71								
	57	67	71								

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Colleen McKinney  
Preparer (PRINT NAME)  
D. Leon Griffin  
Authorized Agent (PRINT NAME)  
Signature of Preparer  
Signature of Authorized Agent  
Date  
1-15-98  
1-15-98



TELEPHONE: (512) 239-6832

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

# ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

Your SOLID WASTE  
REGISTRATION NUMBER:

38907

G1

Report for: 19 97

☐ 22

NO REPORT REQUIRED

{See 30 TAC 335.9(a)(3); also see instructions}

Your  
EPA ID #

T X 1 2 0 0 9 3 9 6 2 1

SUMMARY STATUS

☒ ORIGINAL SUMMARY

☐ REVISED SUMMARY

SUPPLEMENTAL SUMMARY

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT  
TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-151.

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0042103H	31	35	39	43	57	66	M	70	71	76	88	Depleted nickel baths from the electroplating area. Haz	47	58
	57	67	70	76	88	71							117	
	57	67	70	76	88	71							117	
	57	67	70	76	88	71							117	
	57	67	70	76	88	71							117	

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
00133101	31	35	39	43	57	66	M	70	71	76	88	Waste carbon cartridges enclosed in metal casings. Moun	47	58
	57	67	70	76	88	71	Z	70	71	76	88		117	
	57	67	70	76	88	71							117	
	57	67	70	76	88	71							117	
	57	67	70	76	88	71							117	

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Colleen McKinney

Preparer (PRINT NAME)

Signature of Preparer

1-15-98

Date

D. Leon Griffin

Authorized Agent (PRINT NAME)

Signature of Authorized Agent

1-22-98

Date

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

# ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

Your SOLID WASTE  
REGISTRATION NUMBER:

38907

Report for: 19 97

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

Your  
EPA ID #

SUMMARY STATUS  
☒ ORIGINAL SUMMARY  
☐ REVISED SUMMARY  
☐ SUPPLEMENTAL SUMMARY

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT.  
TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-15I.

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
00-163-104	31	35	39	43	M	70	71			Debris - rags, absorbents, spill pigs, sponges, pads, fr	47	56
	66	67	70	76								117
	66	67	70	76								117
	66	67	70	76								117
	66	67	70	76								117
	66	67	70	76								117

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
00-17-104H	31	35	39	43	M	70	71			Waste hydrochloric acid from the chemical cleaning of p	47	56
	66	67	70	76								117
	66	67	70	76								117
	66	67	70	76								117
	66	67	70	76								117
	66	67	70	76								117

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Colleen McKinney  
Preparer, (PRINT NAME)  
D. Leon Griffin  
Authorized Agent (PRINT NAME)  
Signature of Preparer  
Signature of Authorized Agent  
Date 1-15-98  
Date 1-22-98

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

# ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

Your SOLID WASTE  
REGISTRATION NUMBER:

38907

G1

Report for: 19 97

Your  
EPA ID #

T X 1 2 0 0 9 3 9 6 2 1

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

## SUMMARY STATUS

☒ ORIGINAL SUMMARY

☐ REVISED SUMMARY

☐ SUPPLEMENTAL SUMMARY

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TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-15L.

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
00143071					23	66	M	67	71	76		Waste nickel solids. Nickel plated printing plates are	47	56
					57	66	M	67	71	76				117
					57	66	M	67	71	76				117
					57	66	M	67	71	76				117
					57	66	M	67	71	76				117

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
00153101					23	66	P	67	71	76		Drained oil filters from equipment and vessel maintainan	47	56
					57	66	P	67	71	76				117
					57	66	M	67	71	76				117
					57	66	M	67	71	76				117
					57	66	M	67	71	76				117

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Colleen McKinney

Preparer (PRINT NAME)

D. Leon Griffin

Authorized Agent (PRINT NAME)

*Colleen McKinney*

Signature of Preparer

1-15-98

Date

1-22-98

Date

**WASTE EVALUATION SECTION  
MC 129  
INDUSTRIAL AND HAZARDOUS  
TEXAS NATURAL RESOURCE C  
P.O. BOX 13087  
AUSTIN, TEXAS 78711-3087**

**Your SOLID WASTE  
REGISTRATION NUM**

38,907.

1	
2	

**Report for: 19**

1.6

FOR DATA YEAR: 1997

**NO REPORT REQUIRED**  
 {See 30 TAC 335.9(a)(3); also see instructions}

## SUMMARY STATUS

ORIGINAL SUMMARY

## REVISED SUMMARY

## SUPPLEMENTAL SUMMARY

**YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT.  
TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-151.**

[illegible]

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0019119H	0007	D002			De-chrome waste from the stripping of chromium from pH	1000	P
23	31	35	39	43		47	56
QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	
1000	P	M111		Z0047	TND000614321		117
57	68	67	70	71	76	88	117
		M					117
57	66	67	70	71	76	88	117
		M					117
57	66	67	70	71	76	88	117
		M					117
57	66	67	70	71	76	88	117
		M					117

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Colleen McKinney

Preparer (PRINT NAME)

D. Leon Griffin

Authorized Agent (PRINT NAME)

LPS Form TNRCC-0436-A (Rev. 10-10-97)

1-15-98

Date

11-98

Date \_\_\_\_\_



# ANNUAL WASTE SUMMARY

Your SOLID WASTE  
REGISTRATION NUMBER: **38907** **G1** Report for: **1997**

FOR DATA YEAR: **1997**

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

Your EPA ID # **T X 1 2 0 0 9 3 9 6 2 1**

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

☒ ORIGINAL SUMMARY ☐ REVISED SUMMARY ☐ SUPPLEMENTAL SUMMARY

SUMMARY STATUS

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-151.

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0022309H	D002	D008	Z004	TND00614321	650	P	M121		70	71		Depleted wet lead acid batteries from plant use. Hazard	950	P
					300	P	M141		70	71				
							M		70	71				
							M		70	71				

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
00233091	D002	D008	Z004	TND00614321	940	P	M132		70	71		Depleted dry alkaline batteries from plant use. Non-haz	940	P
							M		70	71				
							M		70	71				
							M		70	71				

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Preparer (PRINT NAME) Colleen McKinney Date 1-15-98

Authorized Agent (PRINT NAME) D. Leon Griffin Date 1-22-98

LPS Form TNRCC-0436-A (Rev. 10-10-97)

# WASTE EVALUATION SECTION

MC 129  
INDUSTRIAL AND HAZARDOUS WASTE DIVISION  
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION  
P.O. BOX 13087  
AUSTIN, TEXAS 78711-3087

TELEPHONE: (512) 239-6832

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

## ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

YOUR SOLID WASTE  
REGISTRATION NUMBER:

38907

G 1 Report for: 19 97

Your  
EPA ID #

T X 1 1 2 0 0 9 3 9 6 2 1

### SUMMARY STATUS

☒ ORIGINAL SUMMARY

☐ REVISED SUMMARY

☐ SUPPLEMENTAL SUMMARY

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT.  
TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-15L

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0024309H	31	35	39	43	M	70	71			Depleted mercury containing batteries from plant use. H	47	56
	57	67	71	76								117
	57	67	71	76								117
	57	67	71	76								117
	57	67	71	76								117

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0025309H	31	35	39	43	M	70	71			Depleted nickel-cadmium batteries from plant use. Hazard	47	56
	57	67	71	76								117
	57	67	71	76								117
	57	67	71	76								117
	57	67	71	76								117

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Colleen McKinney

Preparer (PRINT NAME)

D. Leon Griffin

Authorized Agent (PRINT NAME)

*Colleen McKinney*  
Signature of Preparer

*D. Leon Griffin*  
Signature of Authorized Agent

1-15-98

Date

1-22-98

Date

Page 11 of 19

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

# ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

YOUR SOLID WASTE  
REGISTRATION NUMBER:

38907

G1

Report for: 1997

Your  
EPA ID #

T X 1 2 0 0 9 3 9 6 2 1

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

## SUMMARY STATUS

☒ ORIGINAL SUMMARY

☐ REVISED SUMMARY

☐ SUPPLEMENTAL SUMMARY

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT.  
TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-151.

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0026309H	31	35	39	43	M	70	71			Depleted and drained lead acid batteries from plant use	47	56
	66	67	70	76								
	66	67	70	76								
	66	67	70	76								
	66	67	70	76								

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0027309H	31	35	39	43	M	70	71			Spill cleanup from sulfuric acid spills from battery ch	47	56
	66	67	70	76								
	66	67	70	76								
	66	67	70	76								
	66	67	70	76								

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Colleen McKinney  
Preparer. (PRINT NAME)  
D. Leon Griffin  
Authorized Agent (PRINT NAME)  
Signature of Preparer  
Signature of Authorized Agent  
Date 1-15-98  
Date 1-22-98



Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

## ANNUAL WASTE SUMMARY

Your SOLID WASTE  
REGISTRATION NUMBER:

38907

G1

Report for: 1997

FOR DATA YEAR: 1997

☐ NO REPORT REQUIRED

{See 30 TAC 335.9(a)(3); also see instructions}

Your  
EPA ID #

TX 1200939612

SUMMARY STATUS

REVISSED SUMMARY

SUPPLEMENTAL SUMMARY

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT.  
TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RC-15L

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
00283401	31	35	39	43	57	68	M	70	71	76	88	Spent resin from plant equipment. Non-hazardous, 1992	47	56
					57	66	M	70	71	76	88			
					57	66	M	70	71	76	88			
					57	66	M	70	71	76	88			
					57	66	M	70	71	76	88			

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
00292961	31	35	39	43	57	68	M	70	71	76	88	Replacement of ethylene glycol based antifreeze in proc	47	56
					57	66	M	70	71	76	88			
					57	66	M	70	71	76	88			
					57	66	M	70	71	76	88			
					57	66	M	70	71	76	88			

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Colleen McKinney

Preparer (PRINT NAME)

Colleen McKinney

Signature of Preparer

D. Leon Griffin

Authorized Agent (PRINT NAME)

1-15-98

Date

1-21-98

Date

TELEPHONE: (512) 239-6832

# ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

YOUR SOLID WASTE  
REGISTRATION NUMBER:

38907

G 1

Report for: 19 97

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

Your  
EPA ID #

T, X, 1, 2, 0, 0, 9, 3, 9, 6, 2, 1

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS	
<input checked="" type="checkbox"/> ORIGINAL SUMMARY	<input type="checkbox"/> REVISED SUMMARY
SUPPLEMENTAL SUMMARY	

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT. TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RC-151.

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	WASTE DESCRIPTION	COMMENTS	UNITS	TOTAL QUANTITY GENERATED
0030307H	31	35	39	M	70	71	76	Anodes from electroplating bath lead/antimony waste sol		56	47
	57	67	71				88			117	
	57	67	71				88			117	
	57	67	71				88			117	
	57	67	71				88			117	

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	WASTE DESCRIPTION	COMMENTS	UNITS	TOTAL QUANTITY GENERATED
0031310H	31	35	39	D	70	71	76	Spent adsorbents: socks, solids, rags, debris from pro		56	47
	57	67	71				88			117	
	57	67	71				88			117	
	57	67	71				88			117	
	57	67	71				88			117	

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Colleen McKinney  
Preparer (PRINT NAME)  
D. Leon Griffin  
Authorized Agent (PRINT NAME)  
1-15-98  
Date  
1-12-98  
Date  
Page 14 of 19

## LPS Form TNRCC - 0436-A (Rev. 10-10-97)

TELEPHONE: (512) 239-6832

# ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

YOUR SOLID WASTE  
REGISTRATION NUMBER:

38907

G1

Report for: 1997

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

YOUR  
EPA ID #

T X 1 2 0 0 9 3 9 6 2 1

Leon Griffin

Department of the Treasury

9000 Blue Mound Road

Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS

☒ ORIGINAL SUMMARY

☐ REVISED SUMMARY

SUPPLEMENTAL SUMMARY

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TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-151.

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	WASTE DESCRIPTION	COMMENTS	TOTAL QUANTITY GENERATED	UNITS
003400-H	31	35	39	43	M	67	70	71	Discarded commercial chemical containing 1:1:1 trichloro		47	56
	57	66	70	76	M	67	70	71				117
	57	66	70	76	M	67	70	71				117
	57	66	70	76	M	67	70	71				117
	57	66	70	76	M	67	70	71				117

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	WASTE DESCRIPTION	COMMENTS	TOTAL QUANTITY GENERATED	UNITS
0037388H	31	35	39	43	P	67	70	71	Waste crushed fluorescent bulbs - mercury containing de		47	58
	57	66	70	76	P	67	70	71				117
	57	66	70	76	P	67	70	71				117
	57	66	70	76	P	67	70	71				117
	57	66	70	76	P	67	70	71				117

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Colleen McKinney

Preparer (PRINT NAME)

D. Leon Griffin

Authorized Agent (PRINT NAME)

Signature of Preparer

Signature of Authorized Agent

1-13-98

Date

1-22-98

Date

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

# ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

YOUR SOLID WASTE  
REGISTRATION NUMBER:

38907

Report for: 19 97

YOUR  
EPA ID # TX 11200939621

SUMMARY STATUS

☒ ORIGINAL SUMMARY

☐ REVISED SUMMARY

☐ SUPPLEMENTAL SUMMARY

YOUR WASTE GENERATION FEE IS CALCULATED FROM THIS REPORT. BE SURE THE INFORMATION IS CORRECT.  
TO REPORT WASTEWATER, SEE INSTRUCTION BOOKLET RG-151.

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	QUANTITY HANDLED	UNITS	RECEIVER'S EPA ID #	WASTE DESCRIPTION	COMMENTS	TOTAL QUANTITY GENERATED	UNITS
0038103H	31	35	39	M	70	68	67	78	100% Sulfuric acid cleanup of electroplating vent scrub		47	56
	31	35	39	M	70	68	67	78				117
	31	35	39	M	70	68	67	78				117
	31	35	39	M	70	68	67	78				117
	31	35	39	M	70	68	67	78				117

TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	QUANTITY HANDLED	UNITS	RECEIVER'S EPA ID #	WASTE DESCRIPTION	COMMENTS	TOTAL QUANTITY GENERATED	UNITS
0039307H	31	35	39	M	70	68	67	78	Lead, solid lead waste, lead solder		47	56
	31	35	39	M	70	68	67	78				117
	31	35	39	M	70	68	67	78				117
	31	35	39	M	70	68	67	78				117
	31	35	39	M	70	68	67	78				117

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Colleen McKinney

Preparer. (PRINT NAME)

D. Leon Griffin

Authorized Agent

(PRINT NAME)

1-15-98

Date

1-21-98

Date

# ANNUAL WASTE SUMMARY

Your SOLID WASTE  
REGISTRATION NUMBER:

38907

G 1

Report for: 19 97

FOR DATA YEAR: 1997

☐ NO REPORT REQUIRED  
{See 30 TAC 335.9(a)(3); also see instructions}

Your  
EPA ID #

T X 1 2 0 0 9 3 9 6 2 1

Leon Griffin

Department of the Treasury

9000 Blue Mound Road

Fort Worth, TX 76131-3304 817-847-3887

SUMMARY STATUS

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00403191	3379300					M 132	70	20040			Waste sludge from coagulation and flocculation of press	3391540	P
	12240					M 141	70	003					
						M	70						
						M	70						
						M	70						

TEXAS WASTE CODE	QUANTITY HANDLED	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
00414091	202319					M 132	70	20040			Waste maglio ink from printing presses producing U.S.	2043000	P
	1981					M 141	70	001					
						M	70						
						M	70						
						M	70						

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Colleen McKinney

Preparer (PRINT NAME)

D. Leon Griffin

Authorized Agent (PRINT NAME)

1-15-98

Date

1-15-98

Date

TELEPHONE: (512) 239-6832

Leon Griffin  
Department of the Treasury  
9000 Blue Mound Road  
Fort Worth, TX 76131-3304 817-847-3887

# ANNUAL WASTE SUMMARY

FOR DATA YEAR: 1997

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SUMMARY STATUS

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TEXAS WASTE CODE	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	EPA HAZARDOUS WASTE NO.	QUANTITY HANDLED	UNITS	SYSTEM TYPE CODE	FEE	FACILITY NUMBER	RECEIVER'S EPA ID #	COMMENTS	WASTE DESCRIPTION	TOTAL QUANTITY GENERATED	UNITS
0042310H	31	35	39	43	57	66	M	70	71			Waste carbon cartridges enclosed in metal casings. Moun	47	56
	68	67	71	76	57	66	M	70	71					117
	68	67	71	76	57	66	M	70	71					117
	68	67	71	76	57	66	M	70	71					117
	68	67	71	76	57	66	M	70	71					117

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	31	35	39	43	57	66	M	70	71				47	56
	68	67	71	76	57	66	M	70	71					117
	68	67	71	76	57	66	M	70	71					117
	68	67	71	76	57	66	M	70	71					117
	68	67	71	76	57	66	M	70	71					117

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Colleen McKinney  
Preparer (PRINT NAME)

1-15-98  
Date

D. Leon Griffin  
Authorized Agent (PRINT NAME)

1-24-98  
Date

LPS Form TNRCC-0436-A (Rev. 10-10-97)